CONTENTS

Volume 14, Issue Nos. 1–7

Volume 14 Number 1

RESEARCH PAPERS

1 Twentieth century changes in montane vegetation in the eastern Free State, South Africa, derived from palynology of hyrax dung middens
J. S. CARRIÓN, L. SCOTT AND J. C. VOGEL

17 Climate and environment during the Younger Dryas (GS-1) as reflected by composite stable isotope records of lacustrine carbonates at Torreberga, southern Sweden
D. HAMMARLUND, T. W. D. EDWARDS, S. BJÖRCK, B. BUCHARDT AND B. WOHLFARTH

29 The holocene vegetation history of the Khibiny Mountains: implications for the postglacial expansion of spruce and alder on the Kola Peninsula, northwestern Russia
C. KREMENETSKI, T. VASCHALOVA AND L. SULERZHITSKY

45 Geological evidence for neotectonic activity during deglaciation of the southern Sperrin Mountains, Northern Ireland
J. KNIGHT

59 Fluvial incision and channel downcutting as a response to Late-glacial and Early Holocene climate change: the lower reach of the River Meuse (Maas), The Netherlands
L. A. TEBBENS, A. VELDKAMP, W. WESTERHOFF AND S. B. KROONENBERG

77 Mollusca from Last Interglacial fluvial deposits of the River Thames at Trafalgar Square, London
R. C. PREECE

RAPID COMMUNICATION

91 Comparison of proxy records of Late Pleistocene climate change from a high-resolution loess-palaeosol sequence in north-central China
R. A. KEMP, E. DERBYSHIRE AND X. MENG

BOOK REVIEWS

97 Aeolian geomorphology. An introduction

97 Geology of the country around Hitchin. Memoir of the British Geological Survey, Sheet 221 (England and Wales)

98 The oceans and climate

99 Palaeoclimate and evolution, with emphasis on human origins

Volume 14 Number 2

RESEARCH PAPERS

101 East Asia winter monsoon variations on a millennial time-scale before the last glacial-interglacial cycle
H. LU, K. VAN HUISSTEDEN, Z. AN, G. NUGTEREN AND J. VANDENBERGHE

111 Submillennial environmental fluctuations during marine Oxygen Isotope Stage 2: A comparative analysis of diatom and pollen evidence from Lago Grande di Monticchio, South Italy
A. P. NIMMERGUT, J. R. M. ALLEN, V. J. JONES, B. HUNTLEY AND R. W. BATTARBEE

125 Glacigenic clast fabrics: genetic fingerprint or wishful thinking?
M. R. BENNETT, R. I. WALLER, N. F. GLASSER, M. J. HAMBREY AND D. HUDDART

137 A palynological record of a secondary succession after fire in the Gran Sabana, Venezuela
V. RULL

153 Diatom-based tidal-level transfer functions as an aid in reconstructing quaternary history of sea-level movements in the UK
Y. ZONG AND B. P. HORTON

169 Coleopteran evidence for a mosaic of environments at high altitude in the eastern Pyrénées, France, during the climatic transition between the Allerød and Younger Dryas
P. PONEL, G. RUSSELL COOPE, V. ANDRIEU-PONEL AND M. REILLE

175 The sedimentology, stratigraphy and ^{14}C dating of a turf-banked solifluction lobe: evidence for Holocene slope instability at Okstindan, northern Norway
G. ELLIOTT AND P. WORSLEY

BOOK REVIEWS

189 The experimental earthwork project 1960–92

190 Global environmental change

Volume 14 Number 3

RESEARCH PAPERS

191 Subglacial water–escape structures and till structures, Sléttjökull, Iceland
J. J. M. VAN DER MEER, K. H. KJAER AND J. KRÜGER

207 Middle Pleistocene interglacial sediments at Tye Green, Stansted Airport, Essex, England
S. BOREHAM, M. H. FIELD AND P. L. GIBBARD

223 Stratigraphic evidence for a high marine shore-line during the Late Weichselian deglaciation on the Kullen Peninsula, southern Sweden
P. SANDGREN, I. F. SNOWBALL, D. HAMMARLUND AND J. RISBERG

239 A Holocene record of climate, vegetation change and peat bog development, east Otago, South Island, New Zealand
M. S. MCGLONE AND J. M. WILMSHURST

255 Mid-Wisconsin seasonal temperatures reconstructed from fossil beetle assemblages in eastern North America: comparisons with other proxy records from the Northern Hemisphere
S. A. ELIAS

263 A replicated 3000 yr proxy-climate record from Coom Rigg Moss and Felecia Moss, the Border Mires, northern England
D. MAUQUOY AND K. BARBER

RAPID COMMUNICATION

277 The timing of last glacial periglacial and aeolian events, Twente, eastern Netherlands
M. D. BATEMAN AND J. VAN HUISSTEDEN

BOOK REVIEWS

285 Glacial dynamics of the northern European ice sheets

285 Patagonia. Natural history, prehistory and ethnography at the uttermost end of the earth

286 Glaciated continental margins: an atlas of acoustic images

287 Ecology of Arctic environments

288 Glacial analysis, an interactive introduction

289 Palaeoclimatology and palaeoceanography from laminated sediments

289 Reflections on the ice age in Scotland: an update on Quaternary studies

Volume 14 Number 4

EDITORIAL

291 M. WALKER

INVITED CONTRIBUTION

293 The new hominid skeleton from Sterkfontein, South Africa: age and preliminary assessment
T. C. PARTRIDGE, J. SHAW, D. HESLOP AND R. J. CLARKE

RESEARCH PAPERS

299 Saalian to Weichselian stratigraphy and sedimentation along the Lågjæren—Høgjæren escarpment, southwest Norway
K. STALSBERG J. Y. LANDVIK, E. LARSEN AND H. P. SEJRUP

313 An approach to modelling the impact of snow drift on glaciation in the Cairngorm Mountains, Scotland
R. S. PURVES, W. A. MACKANESS AND D. E. SUGDEN

323 Isolation basin stratigraphy and Holocene relative sea-level change on Arveprinsen Ejland, Disko Bugt, West Greenland
A. J. LONG, D. H. ROBERTS AND M. R. WRIGHT

347 Early and Middle Pleistocene river systems in eastern England: evidence from Leet Hill, southern Norfolk, England
J. ROSE, J. A. LEE, I. CANDY AND S. G. LEWIS

361 Correlation of Swedish glacial varves with the Greenland (GRIP) oxygen isotope record
T. ANDRÉN, J. BJÖRCK AND S. JOHNSEN

RAPID COMMUNICATION

373 Short-term climate changes during the Last Glacial-Holocene transition: comparison between Mediterranean records and the GRIP event stratigraphy
A. ASIOLI, F. TRINCARDI, J. J. LOWE AND F. OLDFIELD

FORTHCOMING PAPERS

Volume 14 Number 5

RESEARCH PAPERS

383 Abrupt deglaciation events and Holocene palaeoceanography from high-resolution cores, Cartwright Saddle, Labrador Shelf, Canada
J. T. ANDREWS, L. KEIGWIN, F. HALL AND A. E. JENNINGS

399 Climate oscillations and tephrochronology in eastern middle Sweden during the last glacial–interglacial transition
J. BJÖRCK AND S. WASTEGÅRD

411 Sedimentology, palaeoecology and geochronology of Last Interglacial deposits from Deeping St James, Lincolnshire, England
D. H. KEEN, M. D. BATEMAN, G. R. COOPE, M. H. FIELD, H. E. LANGFORD, J. S. MERRY AND T. M. MIGHALL

437 Estimating past leaf-to-air vapour pressure deficit from terrestrial plant $\delta^{13}C$
C. S. M. TURNEY, J. BARRINGER, J. E. HUNT AND M. S. McGLONE

443 'Bond cycles' recorded in terrestrial Pleistocene sediments of southwestern British Columbia, Canada
S. R. HICOCK, O. B. LIAN AND R. W. MATHEWES

451 Multiproxy surface wetness records from replicate cores on an ombrotrophic mire: implications for Holocene palaeoclimate records
D. J. CHARMAN, D. HENDON AND S. PACKMAN

RAPID COMMUNICATION

465 Late Quaternary cycles of mangrove development and decline on the north Australian continental shelf
J. GRINDROD, P. MOSS AND S. VAN DER KAARS

BOOK REVIEWS

471 Estudos do Quaternario. Revista de Associação Portuguesa para o Estudio do Quaternario. (Quaternary Studies. Journal of the Portuguese Association for Quaternary Research)

472 Palaeoecology of Africa 24

473 Holocene evolution of Zeeland (SW Netherlands)

474 Geomorphological hazards in high mountain areas

FORTHCOMING PAPERS

Volume 14 Number 6

v *Preface*
K. J. EDWARDS

v Introduction
K. J. EDWARDS AND J. P. SADLER

477 Mesolithic archaeology, environmental archaeology and human palaeoecology
S. J. MITHEN

485 Inhabiting Neolithic landscapes
M. EDMONDS

493 Rethinking the Bronze Age environment
J. C. BARRETT

501 The Iron Age: aspects of the human communities and their environments
I. B. M. RALSTON

513 Climatic change and reconstruction
B. HUNTLEY

521 Holocene river environments in prehistoric Britain: human interaction and impact
M. G. MACKLIN

531 Palynology and people: observations on the British record
K. J. EDWARDS

545 10,000 years of change: the Holocene entomofauna of the British Isles
M. H. DINNIN AND J. P. SADLER

563 The archaeological record and mid-Holocene marginal coastal palaeoenvironments around Liverpool Bay
D. HUDDART, S. GONZALES AND G. ROBERTS

575 Archaeological and environmental change on prehistoric Dartmoor: current understanding and future directions
C. J. CASELDINE

585 Characterising prehistoric lowland environments using local pollen assemblages
A. G. BROWN

595 Landscape scale soil pollen analysis
G. WHITTINGTON AND K. J. EDWARDS

605 Some aspects of the palaeoecology of commensals
E. M. SOMERVILLE
615 Perspectives on the Holocene in Britain: Human DNA
M. EVISON
625 A view from outside: recognising the big picture
M. BAILLIE
637 Quaternary Research Association
638 Note for prospective Editors

Volume 14 Number 7

EDITORIAL

639 Editorial
M. WALKER

RESEARCH PAPERS

641 New relative sea-level curves for the southern Scott Coast, Antarctica: evidence for Holocene deglaciation of the western Ross Sea
B. L. HALL AND G. H. DENTON
651 Late Holocene floodplain incision and alluvial fan formation in the central Grampian Highlands, Scotland: chronology, environment and implications
C. K. BALLANTYNE AND G. WHITTINGTON
673 Glacial landsystems of the southwest Laurentide Ice Sheet: modern Icelandic analogues
D. J. A. EVANS, D. S. LEMMEN AND B. R. REA
693 U-series dating of Hoxnian interglacial deposits at Marks Tey, Essex, England
P. J. ROWE, T. C. ATKINSON AND C. TURNER
703 Glacial meltwater erosion of the Mid-Cheshire Ridge: implications for ice dynamics during the Late Devensian glaciation of northwest England
N. F. GLASSER AND G. H. SAMBROOK SMITH

RAPID COMMUNICATIONS

711 New radiocarbon dates from Finnish mammoths indicating large ice-free areas in Fennoscandia during the Middle Weichselian
P. UKKONEN, J. P. LUNKKA, H. JUNGNER AND J. DONNER
715 Global meltwater discharge and the deglacial sea-level record from northwest Scotland
I. SHENNAN

720 List of Referees
M. WALKER

BOOK REVIEWS

721 Glaciers and glaciation
722 El glaciarismo surpirenaico: neuvas aportaciones

723 Author Index
723 Keyword Index
iii Volume Contents